

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1-28. (Canceled)

29. (Currently Amended) An apparatus for processing video signals, comprising:
a video decomposition section, which

accepts an input composite video signal comprising a sequence of frames, each frame comprising an even field and an odd field,

acquires a first reproduction output video signal comprising a sequence of frames, each frame comprising an even field and an odd field, ~~the each odd field in of the first~~ output signal being same as the odd field of ~~each frame in the input signal~~ that synchronizes with the corresponding odd field of the first output signal, and the even field in the first output signal being generated by copying data of the odd field of the same frame in the first output signal, and

acquires a second reproduction output video signal comprising a sequence of frames, each frame comprising an even field and an odd field, ~~the each even field in of the~~ second output signal being same as the even field of ~~each frame in the input signal~~ that synchronizes with the corresponding even field of the second output signal, and the odd field in the second output signal being generated by copying data of the even field of the same frame in the second output signal.

30. (Previously Presented) The apparatus of claim 29, comprising an interpolation section, wherein each of a first frame and a second frame comprises an even field and an odd field,

wherein the interpolation section uses interpolation to provide the odd field in the first frame to be added to the even field in the first frame and to provide the even field in the second frame to be added to the odd field in the second frame.

31. (Previously Presented) The apparatus of claim 29, comprising a decompression section coupled to the video decomposition section, wherein the decompression section accepts an input compressed composite video signal and provides, uncompressed, the composite video signal input to the video decomposition section.

32. (Previously Presented) The apparatus of claim 31, comprising:
a recording medium; and
a reader coupled to the decompression section and configured to read from the recording medium, the reader acquiring the compressed composite video signal from the recording medium.

33. (Currently Amended) A method of creating a decomposite video signal, the method comprising:

accepting an input composite video signal comprising a sequence of frames, each frame comprising an even field and an odd field,

acquiring a first reproduction output video signal comprising a sequence of frames, each frame comprising an even field and an odd field, ~~the each~~ odd field ~~in of~~ the first output signal being same as the odd field of ~~each frame in the~~ input signal that synchronizes with the corresponding odd field of the first output signal, and the even field in the first output signal being generated by copying data of the odd field of the same frame in the first output signal, and

acquiring a second reproduction output video signal comprising a sequence of frames, each frame comprising an even field and an odd field, ~~the each~~ even field ~~in of~~ the second output signal being same as the even field of ~~each frame in the~~ input signal that synchronizes with the corresponding even field of the second output signal, and the odd field in the second output signal being generated by copying data of the even field of the same frame in the second output signal.

34. (Previously Presented) The method of claim 33, further comprising:
supplying the odd field of each frame to a first interpolation section; and
supplying the even field of each frame to a second interpolation section,
wherein each first frame comprises an even field and an odd field.

35. (Previously Presented) The method of claim 33, further comprising:
accepting an input compressed composite video signal; and
decompressing the input compressed composite video signal.

36. (Previously Presented) The method of claim 33, further comprising acquiring an input compressed composite video signal from a recording medium.